

Title (en)

Microwave integrated apparatus for satellite broadcasting receiver.

Title (de)

Integrierte Mikrowellenvorrichtung für einen Rundfunksatellitenempfänger.

Title (fr)

Dispositif microondes intégré pour récepteur de diffusion par satellite.

Publication

EP 0346125 A2 19891213 (EN)

Application

EP 89305803 A 19890608

Priority

- JP 14232388 A 19880608
- JP 14232488 A 19880608

Abstract (en)

The microwave integrated apparatus comprises a housing (4) having a radiation aperture (5). The housing is electromagnetically shielded except for said radiation aperture (5). An insulated substrate (9) is disposed in the housing (4); and an antenna pattern (1) is formed on the insulated substrate. The antenna pattern is capable of receiving or radiating a microwave signal through the radiation aperture (5) of the housing (4). A signal processing means (2) such as a frequency converting circuit is disposed beside the insulated substrate (9) in the housing (4). The signal processing means (2) is connected to the antenna pattern (1) on the insulated substrate (9).

IPC 1-7

H01Q 1/24

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 1/52** (2006.01); **H01Q 19/12** (2006.01); **H01Q 21/26** (2006.01); **H01Q 23/00** (2006.01)

CPC (source: EP US)

H01Q 1/247 (2013.01 - EP US); **H01Q 1/526** (2013.01 - EP US); **H01Q 19/12** (2013.01 - EP US); **H01Q 21/26** (2013.01 - EP US); **H01Q 23/00** (2013.01 - EP US); **H01L 2224/48091** (2013.01 - EP US); **H01L 2224/48247** (2013.01 - EP US)

Cited by

CN114766071A; EP1889243A4; EP0540899A1; ES2040625A2; US6040806A; EP0872912A3; EP0504842A1; US5218368A; EP0572701A1; EP0505765A3; EP0901182A3; EP0528423A1; US5376942A; EP0516981A1; US5381157A; EP1033779A3; EP0603081A1; FR2699773A1; US5493704A; EP0522538A3; US5392461A; WO2022099545A1; EP1667227A4

Designated contracting state (EPC)

DE FR GB NL SE

DOCDB simple family (publication)

EP 0346125 A2 19891213; **EP 0346125 A3 19910227**; **EP 0346125 B1 19950830**; DE 68924001 D1 19951005; DE 68924001 T2 19960404; US 5142698 A 19920825

DOCDB simple family (application)

EP 89305803 A 19890608; DE 68924001 T 19890608; US 36238089 A 19890607